

Name : _____

Translating Phrases

MS1

Translate each verbal phrase into an algebraic equation or inequality.

1) Combine thrice the square of y and 5 is greater than 11 _____

2) The ratio of n to m decreased by 4 is not equal to 9 _____

3) Product of the s _____

4) Ratio of differer _____ n 15

5) 9 multiplied by _____

6) Total of s divide _____ arter

7) The square of y _____

8) Quotient of 7 and c minus 15 is not equal to 1 _____

9) The ratio of the product of thrice the square of w and v to 5 is lesser than 2 _____

10) The cube of p divided by q is greater than 13 _____

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Answer Key

Translating Phrases

MS1

Translate each verbal phrase into an algebraic equation or inequality.

1) Combine thrice the square of y and 5 is greater than 11

$$\underline{3y^2 + 5 > 11}$$

2) The ratio of n to m decreased by 4 is not equal to 9

$$\underline{\frac{n}{m} - 4 \neq 9}$$

3) Product of the s

$$\underline{p^2q + r^3 = 29}$$

4) Ratio of differer

$$\underline{\frac{8 - 5h}{3} < 15}$$

5) 9 multiplied by

$$\underline{9x^3 - 15 \geq 20}$$

6) Total of s divide

$$\underline{\frac{s}{t} + 5 \leq \frac{1}{4}}$$

7) The square of y

$$\underline{y^2 + \frac{1}{2}z = 11}$$

8) Quotient of 7 and c minus 13 is not equal to 1

$$\underline{\frac{7}{c} - 13 \neq 1}$$

9) The ratio of the product of thrice the square of w and v to 5 is lesser than 2

$$\underline{\frac{3w^2v}{5} < 2}$$

10) The cube of p divided by q is greater than 13

$$\underline{\frac{p^3}{q} > 13}$$

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